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iMac (27-inch Retina Early 2019)

Geekbench 5 Score

1234	8697
Single-Core Score	Multi-Core Score
Geekbench 5.3.1 Tryout for macOS x86 (64-bit)	

Result Information

Upload Date	December 4th 2020, 1:09am
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System Information

System Information	
Operating System	macOS 11.0.1 (Build 20B50)
Model	iMac (27-inch Retina Early 2019)
Motherboard	Acidanthera Mac-AA95B1DDAB278B95 iMac19,1
Processor Information	
Name	Intel Core i9-9900K
Topology	1 Processor, 8 Cores, 16 Threads
Identifier	GenuineIntel Family 6 Model 158 Stepping 12
Base Frequency	3.60 GHz
Package	
Codename	
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	32.0 KB x 8
L2 Cache	256 KB x 8
L3 Cache	16.0 MB x 1
Memory Information	
Size	32.00 GB
Frequency	1600 MHz
Type	DDR4

Single-Core Performance

Single-Core Score	1234
Crypto Score	1275
Integer Score	1190
Floating Point Score	1323
AES-XTS	1275 2.17 GB/sec
Text Compression	1189 6.01 MB/sec
Image Compression	1172 55.4 Mpixels/sec
Navigation	1274 3.59 MTE/sec
HTML5	1063 1.25 MElements/sec
SQLite	1118 350.2 Krows/sec
PDF Rendering	1205 65.4 Mpixels/sec
Text Rendering	1194 380.5 KB/sec
Clang	1170 9.12 Klines/sec
Camera	1352 15.7 images/sec
N-Body Physics	1246 1.56 Mpairs/sec
Rigid Body Physics	1529 9473.6 FPS
Gaussian Blur	377 20.8 Mpixels/sec
Face Detection	782 6.02 images/sec
Horizon Detection	1285 31.7 Mpixels/sec
Image Inpainting	2688 131.9 Mpixels/sec
HDR	2408 32.8 Mpixels/sec
Ray Tracing	1750 1.41 Mpixels/sec
Structure from Motion	1196 10.7 Kpixels/sec
Speech Recognition	1492 47.7 Words/sec
Machine Learning	1487 57.5 images/sec

Multi-Core Performance

Multi-Core Score	8697
Crypto Score	6746
Integer Score	8398
Floating Point Score	9670
AES-XTS	6746 11.5 GB/sec
Text Compression	10821 54.7 MB/sec
Image Compression	10283 486.5 Mpixels/sec
Navigation	4887 13.8 MTE/sec
HTML5	8182 9.61 MElements/sec
SQLite	9774 3.06 Mrows/sec
PDF Rendering	8288 449.8 Mpixels/sec
Text Rendering	7191 2.24 MB/sec
Clang	8974 69.9 Klines/sec
Camera	8933 103.6 images/sec
N-Body Physics	8886 11.1 Mpairs/sec
Rigid Body Physics	15181 94052.7 FPS
Gaussian Blur	9741 535.5 Mpixels/sec
Face Detection	11549 88.9 images/sec
Horizon Detection	9440 232.7 Mpixels/sec
Image Inpainting	13280 651.5 Mpixels/sec
HDR	17953 244.6 Mpixels/sec
Ray Tracing	14186 11.4 Mpixels/sec
Structure from Motion	9181 82.3 Kpixels/sec
Speech Recognition	4712 150.7 Words/sec
Machine Learning	3300 127.5 images/sec

